

Abstract

A method and device for determining acoustical transfer impedance

- 5 The method comprises generating an acoustical volume velocity Q in the listening position, measuring a response quantity p , such as sound or vibration, at a suspected source position resulting from the volume velocity Q , and determining the acoustical transfer impedance Z_t as the response quantity p divided by the acoustical volume velocity Q , $Z_t = p/Q$. According to
- 10 the invention the acoustical volume velocity Q is generated using a simulator (10) simulating acoustic properties of at least a head of a human being, the simulator comprising a simulated human ear (14, 15) with an orifice in the simulated head and a sound source (30) for outputting the acoustical volume velocity Q through the orifice. The output volume velocity Q from the orifice
- 15 of an ear is estimated from measurements with two microphones inside the corresponding ear canal.

Figure 5 should be published.